

# 30TH AVE NE SIDEWALK & NATURAL DRAINAGE SYSTEM

July 2018

## PROJECT DESCRIPTION

The Seattle Department of Transportation (SDOT) and Seattle Public Utilities (SPU) are partnering to provide new sidewalk and a Natural Drainage System (NDS) along the east side of 30th Ave NE between NE 130th St and NE 137th St.

Many people use this busy corridor to pick up the bus and walk on a dirt path along the side of the road with little to no shoulder. Additionally, when it rains, large volumes of polluted stormwater flow from the street into Thornton Creek.

This project will make it safer, easier, and more pleasant to walk along 30th. The NDS will help capture and treat polluted stormwater runoff before it reaches the creek, improving water quality and reducing pollution in Lake Washington. The NDS will be designed, constructed, and maintained by SPU.

This project was selected as part of our Sidewalk Development Program and as part of SPU's Integrated Plan to treat polluted stormwater within Thornton Creek basin. The projects were combined to capture efficiencies in design and construction and to foster improved coordination between City departments. This is one step in completing the sidewalk on 30th Ave NE – see the reverse for more information.

## PROJECT FEATURES

We're adding new sidewalk and an NDS along the east side of 30th between 130th and 137th and includes the following:

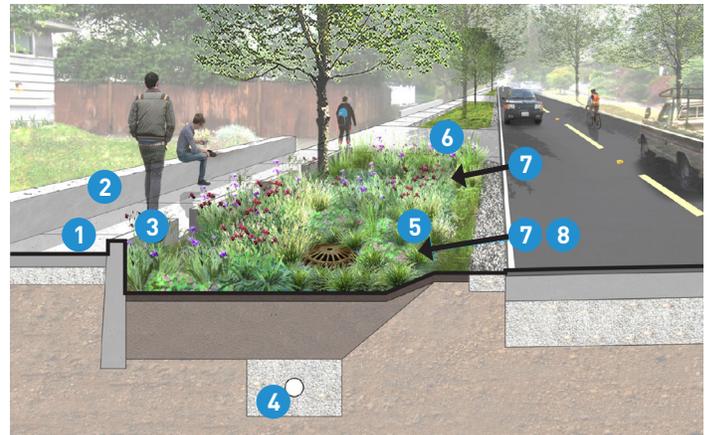
- New sidewalk
- New curb ramps
- A Natural Drainage System to be maintained by SPU
- Removing the bus stop at NE 133rd St. Metro will provide notifications regarding route changes and closures

## WHAT IS A NATURAL DRAINAGE SYSTEM?

An NDS is a type of green stormwater infrastructure system built to capture stormwater runoff and filter pollutants. An NDS uses specialized plant species and soils to filter stormwater runoff and pollutants. Plants are selected to help the NDS do its job: clean stormwater and allow it to slowly seep into the ground. The NDS will be built between the sidewalk and street where there may otherwise be a grass planting strip. You can view the plants we plan to use in a "planting palette" on our project webpage in the materials section.

## NEW SIDEWALK WITH NATURAL DRAINAGE SYSTEM

Sample condition, varies by location



- |                  |                                |
|------------------|--------------------------------|
| 1 New Sidewalk   | 5 Natural Drainage System Area |
| 2 Retaining Wall | 6 Driveway                     |
| 3 Cell Wall      | 7 Stormwater Runoff            |
| 4 Underdrain     | 8 Curbless Edge No Parking     |

- Removing on-street parking from the east side of 30th Ave NE in the public right of way. All parking on private property and driveways will remain
- Removing and planting trees – two trees planted for each removed
- Additional landscape work

## PROJECT INFORMATION & CONTACT

PedestrianImprovements5@seattle.gov, 206-727-3575  
[www.seattle.gov/transportation/Sidewalks\\_30thNE.htm](http://www.seattle.gov/transportation/Sidewalks_30thNE.htm)



City of Seattle



## What will happen to existing trees in the right of way?

The planned improvements in the public right-of-way will affect some trees. Trees are important to reduce stormwater pollution and will be preserved where possible. A licensed landscape architect conducted a full tree assessment on all blocks to determine which trees should be protected and which may be replaced or transplanted. It is a priority to retain and protect trees throughout the project area. Any tree removed will be replaced with two young trees in the project area, however, not necessarily in the same specific locations as the removed trees. SPU will also prune trees or shrubs located in the natural drainage system as needed. SDOT will maintain any new trees for two years after they are planted. After that time, homeowners are responsible for tree upkeep.

## Who will be responsible for the maintenance of the natural drainage system?

SPU is responsible for the watering, weeding, and general upkeep of the natural drainage systems to ensure proper function. Residents are not required to pay for or perform any maintenance. In fact, it is important for residents to stay out of the natural drainage system areas to maintain their function.

## What kind of plants will I see?

The project team selects plants that help the natural drainage system do its job: clean stormwater and allow it to slowly seep into the ground. We also select plants that are easy to maintain and able to withstand wet winters and dry summers. View a plant palette on our project webpage in the materials section.

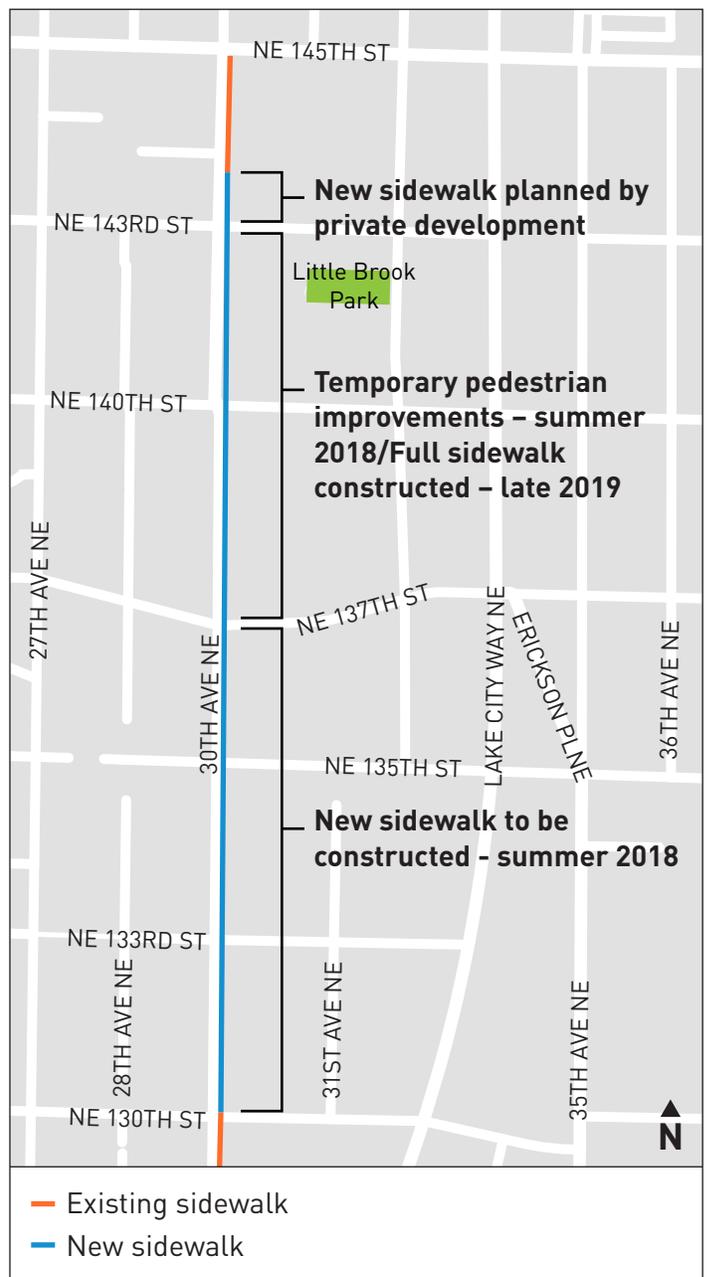
## Will this project cause me to lose parking in front of my house?

We understand parking is very important to residents and we conducted a parking study at multiple times of day to assess parking availability and use on 30th. We'll remove on-street parking from the east side of 30th and there will be no changes to parking on private property; existing driveways will remain at their current location.

## Will transit lines be impacted?

The bus stop at NE 133rd St will be removed and we're working with King County Metro to determine impacts to Routes 64 & 65 during construction. Metro will send out notifications regarding route changes and closures – learn more about specific changes and impacts to Route 64 and Route 65 on King County Metro's webpage.

## COMPLETING SIDEWALK ON 30TH AVE NE



## FUNDING

**This project is a joint SDOT/SPU project.**

**SDOT funding** is through the [Sidewalk Development Program](#), with funds from the Levy to Move Seattle. Learn more about the levy at [www.seattle.gov/LevytoMoveSeattle](http://www.seattle.gov/LevytoMoveSeattle).

SPU funding is through the [NDS Partnering Program](#), which provides funds to integrate NDS into other City projects within the larger creek watersheds.

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